

MODEL 277

RS-232/485/422 Fiber Modem

User's Manual

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【Product Summarize】

MODEL277 is one kind can offer RS-232/485/422 serial port carry transparent optic fiber modem of transmission to get end to user, no need patch cords set up, switch over automatically, and can detect and examine the signal speed automatically, zero delays time to transmit automatically. Model277 adopt optic fiber transmit, have isolate protection, data privacy is fine ,working steady, . data, , such threats to communication equipment as the wave is welled up and interfered with electromagnetically that the effective one has prevented the abominable environment from being struck by lightning, can work in the abominable and dangerous environment reliably.

Can be used in occasions such as various industrial control, course controlling, traffic controlling and intellectual district, especially suit the bank, electricity and interfering with environment department and system with the special requirement electromagnetically

【Packing checklist】

While using this optic fiber MODEM for the first time, please check whether the packaging is intact, the random attachment is complete at first.

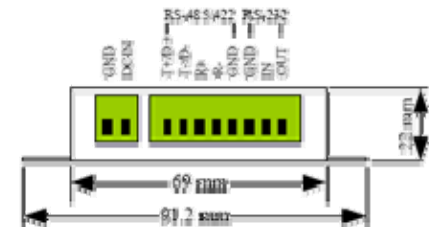
- Fiber Modem MODEL277 1set
- User manual 1book

【Feature】

- Support RS-232/RS-485/RS-422 interface
- Transmit asynchronously, point-to-point to use, speed reach 500Kbps
- 1500W surge protection, 15KV static protect
- RS-485/422 port support 32 nodes (can customize 128 nodes)
- working wavelength: SM MM 1310nm
- examine signal speed automatically, zero delay time,
- 9V~36VDC Input

【PIN define】

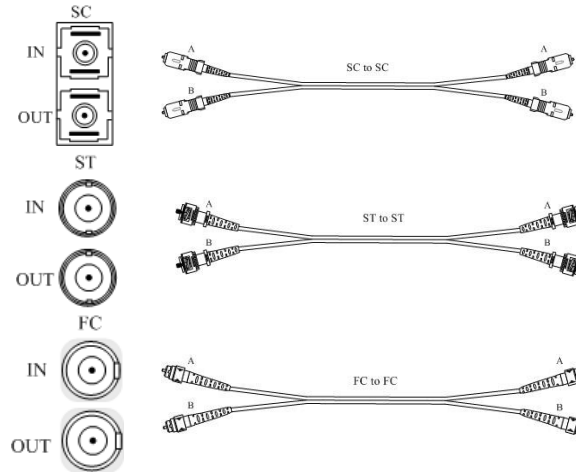
MODEL277 Fiber MODEM RS-232/485/422 interface adopt 8 bit terminal block, the power is 2 bit terminal block.



DCIN	9~36 VDC input	
GND	GND	
RS-485/422 interface	T+/D+	RS-422 TXD+ RS-485signal+
	T-/D-	RS-422 TXD- RS-485signal -
	R+	RS-422 RXD+
	R-	RS-422RXD-
	GND	GND
RS-232 interface	IN	RS-232 input(RX)
	OUT	RS-232 output (TX)
	GND	GND
Fiber interface	IN	Fiber input
	OUT	Fiber output

Optic fiber interface need use in pairs, OUT port is fiber send side, connect another long-range light of interface fiber receive end IN ; IN port is fiber receive side , connect long-range same fiber send side :

Optic fiber spent both ends mark the label (the following picture show: A-A, B-B, can also mark another: A1-A2, B1-B2), in order to use.

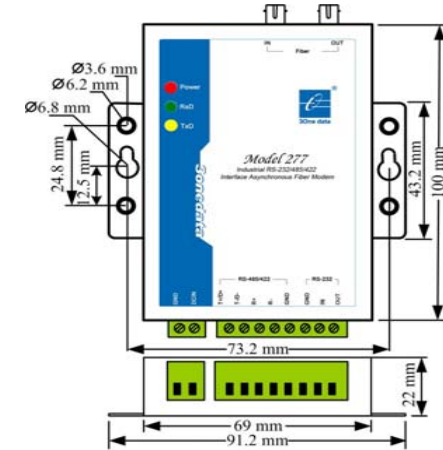


【LED indicator】

- Power** red, power indication
On: power joined; Off: no power connect
- RxD** green light, optic fiber interface receive data point out and concurrently mere port report an emergency and ask for help or increased vigilance, on: There are data that are received; Off: Have data receive
- TxD** yellow light, optic fiber interface send datum instruct, on: data setting ; Off: no data setting

【Installation】

Model277 offer hanging type and DIN card rail two installation way, user can choose according to one's own convenience different to install way. Install the hanging type installation size and pursues to show in hanging type.



【Specification】

- System parameter**
- Standard: EIA RS-232, RS-485, RS-422
- Transmission speed: 0-115.2Kbps
- Transmission distance: MM 2~5km, SM 20~100KM (Selectable)
- Interface port: terminal block, fiber port SC/ST/FC
- Environment index**
- Working temperature: -25°C to 70°C
- Relative humidity 5% to 95%
- Power: 9~36VDC power Input**
- Appearance index**
- L×W×H: 160.5mm×110mm×27mm
- Shell: iron
- Color: White
- Weight: 300g